

ABSTRACT

A modified polypropylene which is a polypropylene having a value of racemic diad fraction $[r]$ in a specific range and modified with a specific compound, e.g., (meth)acrylic acids, and their derivatives or styrene derivatives to have well-balanced properties of affinity for polypropylene-based materials, thermal stability, and high solubility in organic solvents; and a process for producing same. More particularly, the modified polypropylene which is a polypropylene having a value of racemic diad fraction $[r]$ of 0.51 to 0.88, determined by ^{13}C -NMR analysis, and chemically modified with a compound serving as a modifier, e.g., (meth)acrylic acids, and their derivatives or styrene derivatives; and the process for producing the modified polypropylene, wherein the polypropylene having a value of racemic diad fraction $[r]$ in the above range is reacted with at least one type of the compound serving as the modifier in the presence of a radical initiator.